



### **Boiler Controls Q&As**

**1. Can someone replace the drum water level gauges with a "magnetic type" level indicator on a Heat Recovery Steam Generator (HRSG). The HRSG is a three pressure level drum with high pressure operating at 2000 psi and 1050 F?**

**Answer:** Owners should consult with and obtain approval from their insurance company inspector of record, who would be familiar with the equipment and operations. Compliance with ASME Section I requirements are necessary per SPS 341.

Review these sections:

- ASME Section I, PG 60.1 Requirements for water level indicators.
- ASME Section I, PG 60.2 Requirements for water columns
- ASME Section I, PG 60.3 Requirements for connections

**2. Does SPS 341 require all single family installations to include a low water cut-off as do commercial projects?**

**Answer:** Yes, in the Uniform Dwelling Code, SPS 323.04(3), it states boilers shall comply with SPS 341, the Boilers and Pressure Vessels Code.

**3. Does Wisconsin allow automatic bottom blow down of low-pressure boilers?**

**Answer:** SPS 341 does not address this situation. IS staff caution against the practice for safety reasons.